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Eradication: Final report for Transmissible Spongiform Encephalopathies 2019

For each approved annual or multi-annual programme Member States shall submit to the Commission by the 30 April each year an annual detailed technical and financial report covering the previous year. That report shall include the results achieved and a detailed account of eligible costs incurred (Art 14 of Regulation (EU) No 652/2014).

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Country code: SK**Reporting period****From:** 2019**To:** 2019**Year of implementation:** 2019

1. Technical implementation of the programme

1.1 Description and evaluation of the evolution of the epidemiological situation, the technical implementation of the activities foreseen under the programme and the cost-effectiveness of the programme.

Based on the assessment of the development in respect of the epizootological and disease situation in the Slovak Republic, the World Organization for Animal Health (hereinafter referred to as the „OIE“) recommended (in the year 2013), on the basis of the BSE risk analysis, through the European Commission, to some Member States including Slovakia (that at that time belonged by the Commission Decision 2007/453/EC among countries with controlled BSE risk), to submit for review the application with regard to re-evaluation of the country status in relation to BSE risk and subsequently for re-classification of a country into group of countries with negligible BSE risk.

In September 2013, the Slovak Republic submitted its application to the OIE together with the extensive documentation concerning the BSE risk analysis in the country. In May 2014, the OIE on its meeting adopted the Resolution No 18 in which it recognised the status of Bulgaria, Estonia, Croatia, Latvia, Luxembourg, Hungary, Malta, Portugal, Romania and Slovakia as countries with negligible BSE risk. The OIE expressed in its statement that the Slovak Republic fulfils all the requirements to achieve the status of a country with negligible BSE risk.

By Commission Implementing Decision No 2014/732/EU of 20 October 2014 amending Decision 2007/453/EC as regards the BSE status of Bulgaria, Estonia, Croatia, Latvia, Luxembourg, Hungary, Malta, Portugal and Slovakia according to the BSE risk, the status of negligible BSE risk was recognised for the

Slovak Republic.

By the fact that the status of negligible BSE risk was recognised for the Slovak Republic, the Slovak Republic obtained a better position in relation to the trading and export of bovine animals.

The obtained status of the negligible BSE risk will give an advantage for the Slovak Republic based on the fact that it will narrow the extent of tissues classified into the category of the specified risk material (SRM). In the Slovak Republic, the following national programmes are widely applied and yearly updated for the respective calendar year:

Program of prevention, monitoring and control of certain TSEs, Methodical instruction for the execution of monitoring and control of certain TSEs, Breeding programme for resistance of sheep to TSE – scrapie and the National contingency plan for case of suspicion and occurrence of certain TSEs.

These programmes are elaborated in pursuance of Regulation (EC) No 999/2001 of the European Parliament and of the Council as amended (hereinafter referred to as the „Regulation (EC) No 999/2001“) and in these programme the conditions, procedures and the system of control and financing the programmes and compliance with the principles laid down in Regulation (EC) No 999/2001 and related EU and national legislation are precisely stated.

Financial provision of mentioned programmes is ensured on the basis of valid legislation from the state budget of the Slovak Republic

- costs associated with sampling for the monitoring
- costs associated with packaging of samples and sending of samples
- costs associated with sample analysis for performance of rapid, confirmatory and discriminatory tests according to tariff scale of laboratory diagnostics for the respective year.

Epidemiological situation of the disease - Embedded in the Annex I

1.2 Details on the level of achievement of the targets set in the approved programme and technical difficulties.

Monitoring of BSE in bovine animals was performed in the year 2019 in the Slovak Republic based on the Commission Implementing Decision No 2013/76 of 4 February 2013 and in extent of the Programme of TSE monitoring for the year 2019 as follows:

- from all fallen and emergency slaughtered bovine animals over 24 months of age;
- from all bovine animals suspicious of being infected with TSE regardless of age.

In the year 2019 totally 9716 bovine animals were examined in the NRL for TSE Zvolen within the Programme of TSE monitoring.

Table - Number of confirmed BSE cases in bovine animals in individual years in the Slovak Republic (Table is in the pdf attachment)

From the year 2001 to 31.12.2019 totally 27 BSE cases were confirmed in the Slovak Republic.

Monitoring of TSE in sheep and goats was performed in the Slovak Republic in the year 2019 in the extent of the programme of TSE monitoring as follows:

- from all healthy sheep and goats slaughtered on a slaughterhouse older than 18 months of age from holdings infected with scrapie;
- from all fallen and emergency slaughtered sheep and goats over 18 months of age;
- from all sheep and goats suspicious of being infected with TSE regardless of age.

In the year 2019 totally 14228 sheep and 210 goats were examined in the NRL for TSE Zvolen within the Programme of TSE monitoring.

With regard to a wide extent of TSE monitoring applied since 1.1.2014 and also in the year 2019 in the whole Slovak Republic in sheep and goats and for the reason that the financial provision of mentioned programmes is covered from the state budget of the Slovak Republic, the financial burden for the provision of the extent of TSE monitoring is financially demanding.

Table - Number of confirmed TSE - scrapie cases in sheep in individual years in the Slovak Republic (Table is in the pdf attachment)

1.3 Epidemiological maps for infection and other relevant data on the disease/activities (information on serotypes involved,...) (Please attach files of data using the PDF attachment feature) Use the textbox below to provide clarifications for the maps you attach, if needed.

Epidemiological maps are in the PDF attachment.

1. The map of the SR with marked villages where there are holdings with diagnosed BSE cases in bovine animals from the year 2003 to 31.12.2019

2. The map of the SR with marked villages where there are holdings with diagnosed TSE-scrapie cases in

sheep from the year 2003 to 31.12.2016

3. The map of the SR with marked villages where there are holdings with diagnosed TSE- scrapie cases in sheep in the year 2016

4. The map of the SR with marked villages where there are holdings with diagnosed TSE- scrapie cases in sheep in the year 2017

5. The map of the SR with marked villages where there are holdings with diagnosed TSE- scrapie cases in sheep in the year 2018

6. The map of the SR with marked villages where there are holdings with diagnosed TSE- scrapie cases in sheep in the year 2019

All the detailed information in connection with confirmed 27 BSE cases in bovine animals and 173 TSE - scrapie cases in sheep in the Slovak Republic: day of confirmation of the disease, information on owner of the animal, holding of origin of the animal, breed, age of the animal, whether it concerns the fallen animal or the healthy animal slaughtered for human consumption, genotype of the animal, classification of form of the disease (classical/atypical) are published on the website of the SVFA SR and are continuously updated. On the basis of the Breeding programme for resistance of sheep to TSE - scrapie the breeding sheep with highly evaluated genetic potential are selected for resistance to TSE - scrapie which are breeds of domestic origin or create significant population on the territory of our country.

The breeding programme in the Slovak Republic has been realized since the year 2004 and is focused on farms with genetically valuable animals, mainly breeding rams included into mating and ram lambs prior to inclusion into holding.

According to genotype the animals have been included in the Slovak Republic since the year 2008 into 5 risk groups in relation to their resistance to TSE (hereinafter referred to as the „risk group“).

Group I. - ARR/ARR,

Group II. - ARR/ARQ, ARR/ARH, ARR/AHQ,

Group III. - AHQ/AHQ, ARH/ARH, ARH/ARQ, AHQ/ARH,

AHQ/ARQ, ARQ/ARQ *,

Group IV. - ARR/VRQ,

Group V. - ARQ/VRQ, ARH/VRQ, AHQ/VRQ, VRQ/VRQ.

* Genotype of sheep ARQ/ARQ is in the EU included into Group III. of resistance to scrapie.

The Slovak Republic evaluated the genotype ARQ/ARQ in sheep as risky in our breeds and discards sheep with this genotype for the reason that in the Slovak Republic allele ARQ occurs in confirmed positive scrapie cases.

The requirement and the aim of selection on the basis of genotyping is the gradual approximation of the frequency of alleles of prion genes ARR/ARR in sheep for each important breed.

From the year 2003 to 31.12.2019 totally 173 scrapie cases in sheep were confirmed in the Slovak Republic.

From the year 2003 to 31.12.2019 scrapie in goats was not confirmed in the Slovak Republic.

2. Tables for TSE monitoring outcome of the year

VERY IMPORTANT: Please fill out the following tables with figures corresponding to measures performed during the implementing period (1/1 to 31/12).

NB: the Regulation (EC) No 999/2001 is thereafter quoted as the TSE Regulation.

Table A

	Total positive cases detected during the implementing period		
	Classical cases	Atypical cases	Unknown
TSE	0	0	0
Scrapie (ovine animals)	0	4	0
Scrapie (caprine animals)	0	0	0

Table B

RAPID TESTS ON BOVINE ANIMALS		
	Age limit applied (in months)	Number of tests cases
Risk bovine animals from MSs listed in Annex to Decision 2009/719/EC	24	9,716
Risk bovine animals from MSs NOT listed in Annex to Decision 2009/719/EC	0	0

Healthy slaughtered bovine animals from MSs listed in Annex to Decision 2009/719/EC	0	0
Healthy slaughtered bovine animals from MSs NOT listed in Annex to Decision 2009/719/EC	0	0
Suspect animals and confirmatory tests		0
Total		9,716

Table C

Population of ewes and ewe lambs put to the ram in the Member State

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RAPID TESTS ON OVINE ANIMALS	
	Number of tests
Healthy slaughtered ovine animals	0
Dead ovine animals	1,500
In the context of measures of control/eradication on holdings affected by TSE as described in Annexes III and VII of the TSE regulation	
Ovine animals from holdings affected by classical scrapie	718
Ovine animals from holdings affected by atypical scrapie	1,152
Ovine animals from holdings affected by BSE	0
Suspect animals	0
Total number of tests	3,370

Table D

Population of goats which have already kidded and goats mated in the Member State

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RAPID TESTS ON CAPRINE ANIMALS	
	Number of tests
Healthy slaughtered caprine animals	0
Dead caprine animals	100
In the context of measures of control/eradication on holdings affected by TSE as described in Annexes III and VII of the TSE regulation	
Caprine animals from holdings affected by classical scrapie	16
Caprine animals from holdings affected by atypical scrapie	10
Caprine animals from holdings affected by BSE	0
Suspect animals	0
Total number of tests	126

Table E

Confirmatory and discriminatory tests	
	Number of tests
Confirmatory tests other than rapid tests on bovine animals	0
Confirmatory tests on ovine and caprine animals	4
Discriminatory tests on bovine animals	0
Discriminatory tests on ovine and caprine animals	0
Total number of confirmatory tests	4
Total number of discriminatory tests	0

Table F

Genotyping tests	
	Number of tests
Positive TSE case	4
Randomly selected ovine animals	0
Animals in scrapie infected flocks	0

Breeding programme - ewes	0
Breeding programme - rams	1,293
Total of number of tests	1,297

Table G

COMPENSATION FOR ANIMALS In the context of suspicion, control and eradication of TSEs	
Animals culled and destroyed	Number of animals compensated
Bovine animals	0
Ovine animals	0
Caprine animals	0
Animals slaughtered	Number of animals compensated
Ovine animals	0
Caprine animals	0
Total Bovine	0
Total Ovine + Caprine	0

COMMENT / ADDITIONAL CLARIFICATION